

ABSTRACT OF THE DISCLOSURE

A cavity length is determined on the basis of a relationship of electric drive power to a range of optical output power over 50 mW, for cavity length to be constant as a parameter in a range over 1000 μm , so that the electric drive power is vicinal to a
5 minimum thereof in correspondence to a desirable optical output power. If the optical output is 360 mW for example, a cavity length of 1500 μm is determined to be selected.